

Critical Electric System Infrastructure Load (CESIL)

Manual Updates

Andrew Tighe

Distributed Resources Operations

Business Issues Committee (BIC)

10/12/2022

Agenda

- Purpose
- Background
- Manual Updates for CESIL
- CESIL Examples
- Next Steps

Purpose

Purpose

- Discuss manual revisions to support recent **Critical Electric System Infrastructure Load (CESIL) tariff revisions.**

Background

Background

- Stakeholders approved Market Services Tariff (MST) revisions related to CESIL at the June 22, 2022 Business Issues Committee (BIC) and June 30, 2022 Management Committee (MC) meetings.*
- These tariff revisions will preclude Demand Side Resources from curtailing CESIL in response to NYISO-called events and tests as-of November 1, 2022.

*Link to June 30, 2022 MC Meeting Materials:

<https://www.nyiso.com/documents/20142/31859086/03%20CESIL%20MC%20Presentation.pdf/ec0d976f-6de1-6184-6f7a-3bb724516ae8>

Manual Updates for CESIL

CESIL Manual Updates – ICAP Manual

- The NYISO proposes to add the following language to Installed Capacity Manual Section 4.12:

A Demand Side Resource may not curtail Critical Electric System Infrastructure Load (as that term is defined in Section 2.3 of the Market Services Tariff) in response to a NYISO-initiated demand response event or test. Demand Side Resources participating in an ISO-administered Demand Response program, including the SCR program, however, may operate a Local Generator to shift the Demand Side Resource's Load off the Grid. Examples of Critical Electric System Infrastructure Load are located at the following link: <https://www.nyiso.com/documents/20142/1398619/NYISO-Critical-Electric-System-Infrastructure-Load-Examples-Posting.pdf/7cf5acc9-4be8-1ea1-5426-46cd759fa65b>

See Market Administration and Control Area Services Tariff Sections 2.3 and 2.4 for further information.

CESIL Manual Updates – EDRP Manual

- The NYISO proposes to add the following language to Section 2.1 of the EDRP Manual:

A Demand Side Resource may not curtail Critical Electric System Infrastructure Load (as that term is defined in Section 2.3 of the Market Services Tariff) in response to a NYISO-initiated demand response event or test as part of participation in the Emergency Demand Response Program. See Market Administration and Control Area Services Tariff Sections 2.3 and 2.4, and ICAP Manual Section 4.12 for further information.

CESIL Manual Updates – DADRP Manual

- The NYISO proposes to add the following language to Section 3 of the DADRP Manual:

A Demand Side Resource may not curtail Critical Electric System Infrastructure Load (as that term is defined in Section 2.3 of the Market Services Tariff) in response to a NYISO-initiated demand response event or test as part of participation in the Day-Ahead Demand Response Program. See Market Administration and Control Area Services Tariff Sections 2.3 and 2.4, and ICAP Manual Section 4.12 for further information.

CESIL Manual Updates – Aggregation Manual

- Future versions of the NYISO’s Aggregation Manual will also include a prohibition of CESIL curtailment by Demand Side Resources participating in a DER Aggregation.
- Language will be presented to stakeholders as part of existing Aggregation Manual development process.

CESIL Examples

CESIL Examples

- **Examples of Critical Electric System Infrastructure Load include, but are not limited to:**
 - Natural gas compressors
 - Natural gas storage facilities
 - Liquefied natural gas (LNG) liquefaction/ vaporization/ storage
 - Fuel suppliers/ distributors
 - Refineries
 - Electric system control centers
 - Natural gas system control centers
 - Natural gas terminals/ gate stations/ rectifiers
 - Natural gas metering and regulation stations
- **The NYISO has posted a list of CESIL examples on the NYISO website.**
 - Distributed Energy Resources (DER) and Demand Response (DR) homepages under ‘Useful Links’.
 - The examples may be updated periodically as appropriate.

Next Steps

Next Steps

- **October 13, 2022 0C**
 - Seek stakeholder approval of Ancillary Services Manual revisions.
- **November 1, 2022**
 - Effective date of CESIL rules.

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation